#### Message

From: Wray, Austin [Wray.Austin@epa.gov]

**Sent**: 11/6/2017 3:23:32 PM

**To**: Skuce, Courtney [Courtney.Skuce@icf.com]

CC: 'boydw@niehs.nih.gov' [boydw@niehs.nih.gov]; Blain, Robyn [Robyn.Blain@icf.com]; Niman, Aaron

[niman.aaron@epa.gov]; Hartman, Pamela [Pamela.Hartman@icf.com]

Subject: RE: Parkinsons/paraquat update

Attachments: Paraguat PD Animal Primary round 2 103017.ATW.xlsx

Comments on the recent round of data extraction. Two things additional items that might be worth discussing today would be Ex. 5 Deliberative Process (DP)

# Ex. 5 Deliberative Process (DP)

### Austin

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Toxicologist
Office of Pesticide Programs
Health Effects Division
(703) 347-8077

From: Skuce, Courtney [mailto:Courtney.Skuce@icf.com]

Sent: Wednesday, November 01, 2017 11:21 AM

To: Wray, Austin < Wray. Austin@epa.gov>

Cc: 'boydw@niehs.nih.gov' <boydw@niehs.nih.gov>; Blain, Robyn <Robyn.Blain@icf.com>; Niman, Aaron

<niman.aaron@epa.gov>; Hartman, Pamela <Pamela.Hartman@icf.com>

Subject: Parkinsons/paraquat update

Hi Austin.

A couple of updates for you!

#### Updated HAWC epi visualizations

We've updated the HAWC visualization to include a short footnote explaining the 2 studies that were not included in the visual, and we've also created a copy of the visual that sorts studies first by metric (adjOR, then OR, then adjPR), then by study publication year, then alphabetically within study publication years. Have a look at the updated visuals when you get a chance, and let us know if there are any other changes we can make that would be helpful to visualizing the data at this stage.

https://hawcproject.org/summary/data-pivot/assessment/475/testing-or/

https://hawcproject.org/summary/data-pivot/assessment/475/parkinsonism-outcomes-adjusted-unadjusted-by-year/

## **Updated Distiller Library Export**

Attached is an updated export from Distiller (Paraquat\_PD\_Distiller Tracking\_EXPORT\_103017.xlsx) of our entire library at this point, including the changes made since the last export (shown highlighted in blue cells), including those made based on the review of the in vitro studies and animal primary studies so far. Let me know if you have any questions!

Best, Courtney

